

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2006/000044

## A. CLASSIFICATION OF SUBJECT MATTER:H04Q 7/30 (2006.01) i

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols): IPC<sup>8</sup>: H04Q 7/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ: separated, base, station, baseband, RF, unit, interface, clock, transmit

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6058317 A (NOKIA) 02 May 2000 (02.05.2000) See the whole document and figures	1-46
A	CN 1284824 A (SAMSUNG) 21 Feb. 2001 (21.02.2001) See the whole document and figures	1-46
A	JP 2004040802 A (SAMSUNG) 05 Feb. 2004 (05.02.2004) See the abstract and figure	1-46

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"document member of the same patent family

Date of the actual completion of the international search

10 Apr. 2006 (10.04.2006)

Date of mailing of the international search report

20 - APR 2006 (20 - 04 - 2006)

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**INTERNATIONAL SEARCH REPORT**

Information patent family members

Search request No.

PCT/CN2006/000044

Patent document cited in search report	Publication date	Patent family member(s)	Publication Date
US 6058317 A	02.05.2000	ES 2235181T	01.07.2005
		WO 9627269 A1	06.09.1996
		FI 9500916 A	29.08.1996
		AU 4721296 A	18.09.1996
		NO 9703944 A	18.09.1996
		EP 0812519 A1	17.12.1997
		JP 11501172 T	26.01.1999
		CN 1176728 A	18.03.1998
		DE 69634244 E	03.03.2005
		AU 6543799 A	20.07.2000
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		KR 2000047947 A	30.08.2000
JP 2004040802 A	05.02.2004	AU 2003204721 B2	05.08.2004
		US 2004004943 A1	08.01.2004
		CN 1471331 A	28.01.2004
		KR 2004003262 A	13.01.2004